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WHAT IS CLAIMED IS:

1. A game controller for communication between a user and an electronic game device transmitting signals to a receiver, comprising:
 - a portable housing;
 - game controller keys attached to said housing for permitting the user to generate signals;
 - a radio frequency sender engaged with said game controller keys for transmitting the signals to the receiver; and
 - a controller attached to said sender for determining a selected parameter regarding the signals and for communicating said parameter to the user.
2. A game controller as recited in Claim 1, wherein said radio frequency sender is capable of transmitting signals over multiple frequencies.
3. A game controller as recited in Claim 2, wherein at least one of said keys is operable by the user to change the signal frequency transmitted by said radio frequency sender.
4. A game controller as recited in Claim 2, wherein said controller is capable of changing the signal frequency transmitted by said radio frequency sender.

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25 5. A game controller as recited in Claim 4, wherein said controller is
26 capable of identifying the strength of a signal transmitted by said radio frequency
27 sender and is capable of changing the signal frequency to a stronger frequency.

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29 6. A game controller as recited in Claim 2, wherein said controller is
30 capable of polling information regarding the selected parameter over a discrete
31 time period, and is further capable of determining whether said polled information
32 exceeds a selected threshold.

33

34 7. A game controller as recited in Claim 6, wherein said controller is
35 capable of changing the signal frequency if said polled information is less than a
36 selected threshold.

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38 8. A game controller as recited in Claim 7, wherein said controller is
39 capable of changing the signal frequency if said polled information is less than a
40 selected threshold over two consecutive discrete time periods.

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42 9. A game controller as recited in Claim 7, wherein said controller is
43 capable of polling information at the changed frequency to determine whether
44 said polled information exceeds a selected threshold.

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46 10. A game controller as recited in Claim 6, further comprising a display
47 engaged with said controller for communicating to the user a message regarding
48 said polled information.

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50 11. A game controller as recited in Claim 10, wherein said display
51 comprises a light.

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53 12. A game controller as recited in Claim 11, wherein said controller is
54 capable of controlling the duration of said light operation.

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56 13. A game controller as recited in Claim 11, wherein said controller is
57 capable of controlling the frequency of said light operation.

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59 14. A game controller as recited in Claim 2, wherein said radio frequency
60 sender is capable of transmitting signals at frequencies between 315 to 319
61 MHz.

62 15. A game controller for communication between a user and an
63 electronic game device transmitting signals to a receiver, comprising:
64 a portable housing;
65 game controller keys attached to said housing for permitting the user to
66 generate signals;
67 a radio frequency sender engaged with said game controller keys for
68 transmitting the signals to the receiver over a plurality of frequencies; and
69 a controller attached to said sender for determining the strength of the
70 transmitted signals and for communicating to the user information regarding said
71 signal strength.

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73 16. A game controller as recited in Claim 15, wherein said controller is
74 capable of identifying whether said signal strength is less than a selected
75 amount, and is further capable of changing said radio frequency sender to
76 another frequency having a signal strength exceeding the selected amount.

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78 17. A game controller as recited in Claim 15, wherein said controller is
79 capable of polling information regarding the signal strength over a discrete time
80 period, and is further capable of displaying said information.

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82 18. A game controller as recited in Claim 15, further comprising a display
83 engaged with said controller for communicating to the user a message regarding
84 said information.

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86 19. A game controller as recited in Claim 18, wherein said display
87 comprises a light and said controller is capable of controlling the duration of said
88 light operation.

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90 20. A game controller as recited in Claim 18, wherein said display
91 comprises a light and said controller is capable of controlling the frequency of
92 said light operation.

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1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	